

## Abstract

### Basic aluminum halide complexes

The claimed basic aluminum halide complexes are obtained by reaction of aluminum metal with hydrohalic acid and an organic acid, where either the aluminum metal is dissolved in a mixture of hydrohalic acid and organic acid, or the aluminum metal is firstly dissolved in the hydrohalic acid and then the organic acid is added.

The basic aluminum halide complexes modified by incorporating ligands of organic acids exhibit an improved effect as antiperspirant active ingredients.